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ABSTRACT OF THE DISCLOSURE

A method of manufacturing a ceramic composite comprises the steps of preparing at least two ceramics bodies to be bonded together, each of the at least two ceramics bodies having a bonding surface; preparing a slurry in which primary particles of a bonding ceramic are dispersed; applying the slurry to the bonding surface of at least one of the ceramic bodies to be bonded; and sintering the ceramic bodies between which the slurry has been interposed to bond them. In this method, the bonding ceramic in the slurry is preferably constituted from the same ceramic starting material as that of the at least one of the ceramic bodies to be bonded. In this way, it becomes possible to manufacture, with a simple technique, a ceramic composite having a required strength and excellent biocompatibility and biosafety.